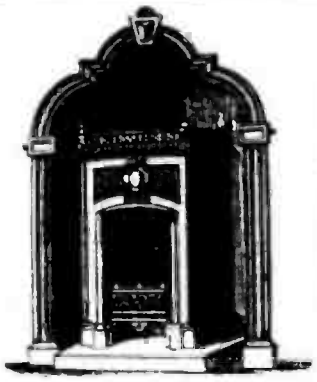


IMPORTANT IMPROVEMENTS IN WARMING AND VENTILATING

CHURCHES, CHAPELS, INFANT AND OTHER SCHOOLS, PUBLIC BUILDINGS, PRIVATE DWELLINGS, &c. &c.

PIERCE'S PATENT PYRO-PNEUMATIC STOVE GRATE

Is SELF-ACTING, and combines SUMMER WARMTH, PERFECT VENTILATION, SIMPLICITY OF ARRANGEMENT, NOVELTY OF PRINCIPLE, and ELEGANCE OF DESIGN, which, with great ECONOMY IN USE, renders this GRATE suitable for any situation where a POWERFUL DEGREE of WARMTH and the CHEERFUL OPEN FIRE are desirable.

PIERCE having at length succeeded in producing that long-sought desideratum—a HEALTHFUL AND SALUBRIOUS atmosphere, such as is felt on a pleasant summer's day, which can, by means of this his Patent Pyro-Pneumatic Stove Grate, be enjoyed during the most dull and dreary of our winter months. The above invention is specially adapted for warming churches, infant and other schools, railway offices, entrance halls, banking houses, &c. &c., or any situation where warmth and purity of air are desirable.

IT MAY BE SEEN IN DAILY USE AT THE PATENTEE'S MANUFACTORY, 5, JERMYN-STREET, REGENT-STREET;

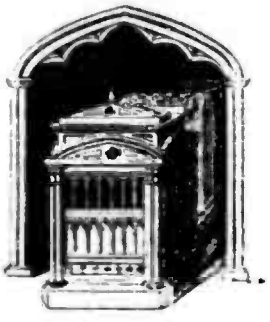
Also at the POLYTECHNIC INSTITUTION; the UNIVERSITY HALL, GORDON-SQUARE; the new OSTRICH and GIRAFFE HOUSES of the ZOOLOGICAL SOCIETY, REGENT'S-PARK; the large MODEL ROOM of the SOCIETY OF ARTS, JOHN-STREET, ADELPHI, where, after a lengthened trial of it in daily use, the Council awarded their large Silver Medal for the invention.

PIERCE'S PRACTICAL EXPERIENCE (of upwards of thirty years, during the whole of which time he has been actively engaged in WARMING and VENTILATING PUBLIC BUILDINGS and PRIVATE MANSIONS of all descriptions by his Improved Method of HEATING with HOT WATER; also his ECONOMICAL RADIATING STOVE GRATES, which are elegant and effective, enable him to recommend this PYRO-PNEUMATIC GRATE with the utmost confidence,—the Air breathed from which has all the FRESHNESS and PURITY of the EXTERNAL ATMOSPHERE, and consequently its action meets the want, which has so long been felt, of some method whereby the houses of all, both rich and poor, might be alike rendered healthful.

PIERCE'S MANUFACTORY AND SHOW-ROOMS, 5, JERMYN-STREET.

Where innumerable Testimonials and References can be given.

N.B. THE TRADE SUPPLIED, AND A LIBERAL DISCOUNT ALLOWED.



FOR CHURCHES, CHAPELS, SCHOOLS, WAREHOUSES, PRIVATE DWELLINGS, &c. &c.

NOTT'S PATENT STOVES,

After TWENTY YEARS' TRIAL, still maintain their decided superiority. They give twice as much heat as any other stove, with a smaller consumption of fuel; they burn for eight or ten hours without replenishing; they do not generate offensive and dangerous gases; and they have, when lighted, a very

BRILLIANT AND CHEERFUL APPEARANCE FROM THEIR TRANSPARENT FRONTS.

By the addition of a BOILER AND HOT-WATER PIPES, they may be made to heat, at the same time, DISTANT APARTMENTS, CONSERVATORIES, &c. They are made in various sizes and patterns, and the PRICES have recently been GREATLY REDUCED.

A STOVE AT TWELVE GUINEAS, AS SHOWN AT SIDE, WILL WARM A SMALL CHURCH.

Two or three hundred references can be furnished on application; only a few can be mentioned here, viz.:—

St. Saviour's Church, Southwark.
Christ Church, Westminster.
Trinity Church, Brompton.
Old St. Pancras Church.
Christ Church, Hoxton.
St. Vedast's, Foster-lane.
Portman Chapel, Baker-street.
The Pantheon, Oxford-street.
National Debt Office, Old Jewry.
Picture Gallery, Knightsbridge (late Chinese Exhibition).
Religious Tract Society, St. Paul's Churchyard.
Mr. Parker, West Strand.
Mr. Gilbertson, Ludgate-hill.
Messrs. Perkins and Bacon, Fleet-street.
Messrs. Ridgway and Co., King William-street.
St. Pancras National Schools.
Finsbury Charity Schools.
Stepney Grammar School, &c. &c.

J. L. BENHAM AND SONS, 19, WIGMORE-STREET, CAVENDISH-SQUARE, PATENTEES.

N.B. THE USUAL ALLOWANCE TO THE TRADE.

MODERATOR STOVE GRATE.—This Stove possesses the qualifications of great heat, perfect ventilation, cheerful appearance, and great economy of fuel, burning only 28 lbs. each of coal in twelve hours: it is suitable for entrance halls, churches, chapels, and large buildings; for purity of air it is not to be surpassed.—It may be seen in daily use at METHLEY'S, 31, Frith-street, Soho, Inventors and sole Manufacturers. Price 8l. for third size.

IRON FOUNDRY, 80, Goswell-street (late of Brick-lane St. Luke's.—J. J. JONES having made great additions to his STOCK of PATTERNS, begs to inform the Trade, that he can now supply them with Plain and ornamental Iron Columns, Girders, Railings, Gates, Iron Copings, Balconies, Window Guards, Verandahs, Ornamental Staircase Panels, Iron Staircases, Tomb Enclosures, Trellis Panelling, Lamp and other Brackets, Candlesticks, Newel Bars, Water Closet Work, Area Gratings, Fly and other Wheels, Wheel Plates, &c.

BANKER'S OVEN WORK, Forge Backs and Troughs, Bath, Water Pipes and Gutters, Sash Weights, Furnace Bars, Stoves, Rasers, &c. always in stock.

IRON FOUNDRY,
68, DRURY-LANE, and CHARLES-STREET, DRURY-LANE
JOSEPH GLOVER,

Solicits the attention of the Trade to his extensive Stock of PATTERNS for CASTINGS of EVERY DESCRIPTION, consisting of those for every purpose, either structural or ornamental.

Wheel Pinion and Steam-Engine Patterns; Range Stove and Hot Plate Metal.

A stock of Rain-Water Pipes, Plain and O G Gutterings, Air Bricks, Sash Weights, &c. &c.

A very superior description of Soot Door, particularly suitable for internal work, being perfectly secure, and neat unsightly.

ESTIMATES given for IRON ROOFING and every description of Ironwork, complete to specification, and the work executed with every attention to quality and dispatch.

68, DRURY-LANE, and CHARLES-STREET.

THE GALVANIZED IRON COMPANY
No. 3, Mansion-house-place,

Call the particular attention of Architects, Builders, and others, to their patent process of galvanizing, or coating iron with PURE ZINC, which, from its action being chemically true, effectually and PERMANENTLY prevents RUST. The process is applicable to all sorts of iron work, whether cast or wrought, to use for building purposes—such as ROOFS, gutters, girders, floors, WATER or GAS PIPES, railings, window sashes and guards, blinds, skylight frames, chimney cowls, cisterns, screws, nails, locks, keys, chains, area guards, &c. &c. &c. The Company undertake to supply GALVANIZED IRON, or to GALVANIZE every description of iron work, in any quantity required.—Particulars and prices at the offices of the Company, 3, Mansion-house-place, London Galvanizing Works, Millwall, Poplar. S. VINCENT, Secretary.

N.B. This Company's patent process is applied to the roofs of the New Houses of Parliament, the sheds in the dockyards at Woolwich, Portsmouth, and Pembroke, and the Waterloo Station belonging to the London and North-Western Railway Company at Liverpool, and numerous other railway stations, &c., &c., with the most perfect success.

IRON ROOFING WORKS,
SOUTHWARK.

Office,—3a, MANSION-HOUSE-PLACE, LONDON.

JOHN H. PORTER,
PATENTEE

Of the Corrugated Iron Beams, Girders, and Fire-proof Floors;

MANUFACTURER OF IRON ROOFS AND BUILDINGS,
Chiefly of
THE PATENT GALVANIZED IRON.

This material has been employed by J. H. PORTER for several years past in the construction of Iron Roofing for RAILWAY STATIONS at home and abroad; PARK BUILDINGS, Pavilions, Gazebos, WAREHOUSES, &c.; SHOW-HOUSES, MENAGES and CARRIAGE-SHEDS, JEWELLERS, and MARKET-PLACES, in the East and West Indies, China, at the Cape of Good Hope, and in other parts of the world; Iron-bar and Strained-wire Fences, Sheep and Cattle Hurdles.

COMPOSITIONS for WRITING with STEEL PENS.—STEPHENS'S WRITING FLUIDS compose the most splendid and durable colours, and the most indelible compositions which art can produce; they consist of a BLUE FLUID, changing into an intense black colour. PATENT UNCHANGEABLE BLUE FLUIDS, remaining a deep blue colour. Two sorts are prepared, a light and dark blue. A superior BLACK INK, of the common character, but more fluid. A superior CARMINE RED, for coutrast writing. A liquid ROUGE CARMINE, for various and contrast writing, in glass bottles. A carbonaceous RECORD INK, which writes instantly black, and being proof against any chemical agents, is most valuable in the prevention of frauds. A liquid MECHANICAL and ARCHITECTURAL DRAWING INK, superior to Indian Ink. Marking Inks for linen, steel pens, ink-stands.—Prepared by the inventor, HENRY STEPHENS, 34, Stamford-street, Blackfriars, and sold by booksellers and stationers everywhere, in bottles, at 1d., 2d., 4d., 6d., 1s., and 2s.

PROTECTION from FIRE, and GREAT ECONOMY in BUILDING.—A pamphlet, descriptive of the method by which both these important objects are secured, may be obtained on application to Messrs. FOX and BARRETT, 46, Leicester-square.

TO ARCHITECTS, BUILDERS, &c.

HAYWARD, BROTHERS, late R. HENLY and Co., WHOLESALE IRONMONGERS, and Manufacturers of KITCHEN-RANGES, STOVES, &c., 186, Blackfriars-road, and 127, Union-street, Borough.

Strong Self-acting Kitchen Ranges, with Back Boiler and Oven and Wrought Bars:—

2 ft.	2 ft. 3 in.	2 ft. 6 in.	2 ft. 9 in.	3 ft.
£3.	£3. 10s.	£3. 15s.	£4.	£4. 10s.

Henly's Patent Improved, with back Boiler and Wrought Iron Oven:—

3 ft.	3 ft. 3 in.	3 ft. 6 in.	3 ft. 9 in.	4 ft.
£3.	£3. 15s.	£4. 5s.	£4. 10s.	£5.

Best Register Stoves, at 7d., 8d., and 9d. per inch.

Do. Elliptic do., 8d., 9d., and 4d. do.

Manufacturers of WOLFARSTON'S PATENT REGISTER STOVES, a certain cure for SMOKY CHIMNEYS, and effecting a great saving in fuel. To be seen in use daily.

Orders from the Country, accompanied with a remittance or reference, will meet with prompt attention.

TO BUILDERS and CARPENTERS.—Elliptic Stoves, double backs, 3d. per inch. Registers, 4½d. 7d., 8d. per inch.

Cottage Ranges, with Ovens and Boilers, 3 ft. 2 in. 40s.; 3 ft. 6 in. 45s.; 3 ft. 6 in., 54s.

Self-acting Ranges, with Circular Oven and Back Boiler, Best Wrought Bars and Bright Fittings:—

3 ft., £3. 15s.	3 ft. 6, £4. 7s.	4 ft., £5. 15s.

Best Patent Cut Clasp.

4½d.	5d.	7d.	10d.	1s. 2d.	1s. 8d. per 1,000
5d.	6d.	8d.	1s.	10d.	2s. 6d.

Best Sheet Floor Brads, 1lb. 6d. per cwt.

Best Town Glue 32s. Do. Scotch, 26s. per cwt.

Best Patent Sash Line.

4s. 5d.	5s.	6s. 6d.	7s. 6d.	10s.	12s. per gross.
1	2	3	4	5	6

AT F. B. WILLIAMSON'S IRONMONGERY and STOVE WAREHOUSE, 35, Chiswell-street, Finsbury-square.

Lists of Prices sent on application at the Warehouse, or by letter pre-paid, inclosing postage stamp.—Warehouse closes at 7 o'clock.

SNOXELL'S PATENT SAFETY REVOLVING WOOD SHUTTERS, Manufactory, 32, REGENT-STREET and 31, CHANCERY-LANE. Patent sealed on the 4th day of February, 1846, for Fourteen Years, for Improvements in Revolving Shutters of WOOD and IRON, consisting of Six Methods of Raising and Lowering Shutters, without Machinery, and Two for Hinging and Sheathing the Edges of Wood Laths with Iron.—The Patentee having fixed up some hundreds, will feel pleased in forwarding the Testimonials of Architects, Principals of large Establishments, and others, having them now in use, which fully guarantees the Patentee in stating they are beyond dispute superior to any other Revolving Shutter for durability, security, and simplicity, without the use of cog-wheel worm and screw gear, or any other complicated machinery employed by other makers.

BUNNETT and Co., ENGINEERS, Patentees of
REVOLVING IRON AND WOOD SAFETY SHUTTERS,
and of
ORNAMENTAL METALLIC SASH BARS, MOULDINGS, &c., IN BRASS, COPPER, ZINC, &c.
FOR SHOP-FRONTS, SKYLIGHTS, &c.

Shop-fronts completely fitted and fixed in a superior style, either plain or ornamental, with glass plated with best plate. Strong moulded stallboards handsomely engraved. Metal works and machinery of all kinds in connection with banking-houses, shops, warehouses, &c. &c.

B. and Co. challenge competition as to either quality or price.

Designs furnished and estimates given.

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SOLE LICENCEES FOR MARVIN and MOOKES PATENT DIAGONAL GRATINGS.

Office of the Patentees, 31, Lombard-street, London; and at the Works, Deptford, Kent.

IRON SHUTTERS.—The PATENT CONVEX REVOLVING IRON SHUTTERS are cheaper, twelve times stronger, work easier, cannot run down, and roll up in one-third less room than any other shutters made. Harcourt Quincey, Patentee.

CLARK and Co., Sole Manufacturers, and of IMPROVED DRAWN ORNAMENTAL METALLIC SASH BARS, ASTRAGALS, MOULDINGS, STALL-BOARD PLATES, &c. &c., in brass, copper, and zinc. Gas Fittings, Chandeliers, and internal Brass Fittings for Shops of every description. WROUGHT-IRON GIRDERS, HOT-WATER APPARATUS, and metal work connected with buildings. Testimonials of architects and others having them in use will be forwarded free on application to CLARK and Co., Engineers, 238, Wapping, London, or to Mr. G. BRIGHTOCK, 17, George-street, Edinburgh, Agent for Scotland.

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TARPAULINS for COVERING ROOFS during Repairs. SCAFFOLD CORD and every description of ROPE used by Builders upon the lowest terms. Marquees and temporary awnings on sale or hire. Orders per post receive the most prompt attention.—WILLIAM PIGGOTT, 113, Fore-Street, City, Manufacturer, by Appointment, to Her Majesty's Honourable Board of Ordnance.

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RAIN PIPES, &c.—F. A. TIDDEMAN, 86, Ann's Wharf, East-street, City, near Blackfriars-bridge, keeps a large stock of Rain Pipes, Heads, Shoes, Elbows, &c., half round and O. G. Gutters, Socket Pipes for Water or Gas, Flanch Pipes, Sash Weights, and other Castings; Iron Work for Bakers' Ovens of every description, fitted complete, to be had in sets or in parts.—Prices equal to all competition. Contracts taken to any extent. Goods landed. A powerful crane.

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DR. ARNOTT'S VENTILATING CHIMNEY VALVE,

With internal movement, and all the latest improvements.

Constructed for the ventilation of apartments generally.

REDUCED LIST OF PRICES.

	First size, 11 by 8.	Second size, 16 by 9
Plain Iron Valve	£5 0	£7 6
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Ditto with Trellis-work	17 0	25 0
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Ventilators of any description made to order.

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JUCKE'S PATENT SMOKE-CONSUMING FURNACE.—The above is in successful operation at the under-mentioned places, viz.:—Three at Her Majesty's Mint; three at the Artesian wells, Trafalgar-square; one at the Tower; two at the Thames Tunnel; ten at Price's Candle Company; five at Messrs. Craven and Lucas's, sugar refiners, and at the following breweries—ten at Messrs. Truman, Hanbury, and Co.'s; six at Messrs. Elliott and Co.'s; one at Messrs. Barclay, Perkins, and Co.'s, one at Messrs. Combe, Delafield, and Co.'s; and one at Messrs. Thorne and Sons'. Upwards of forty are in use at different steam-mills. It also in operation in a reverberatory furnace at the Mint, and is particularly adapted for smelting or heating metals or other materials. The entire consumption of smoke, great economy of fuel, and the certainty of a steady fire, which can be regulated at pleasure, and made of the refuse or screenings of coals, render this patent invaluable for all manufacturing purposes. It is admirably adapted for steam-boats and locomotive engines where coke or anthracite coal is now used. The proprietors are willing to sell the patent right, for any city, town, district, or county, or to any steam-boat or railway company; also for Scotland, Ireland, the Colonies, or Holland. The French patent right is sold, and working well in France and on board the French frigate *Proserpine*. For terms to manufacture the patent, apply to Messrs. QUILTER, BALL, JAY, and CROSBIE, 87, Coleman-street, London. Furnaces can be supplied by the following engineers, who are already licensed to manufacture the patent:—Harmon and Co., Canal-bridge, New North-road, Hoxton; Joseph Beaumont, Lemau-street, Whitechapel; Easton and Amos, Grove Guildford-street, Southwark; Jno. Wood and Co., Bowerby-bridge Halifax; and John Gray and Co., Rhodes Iron Works, Chester.

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